

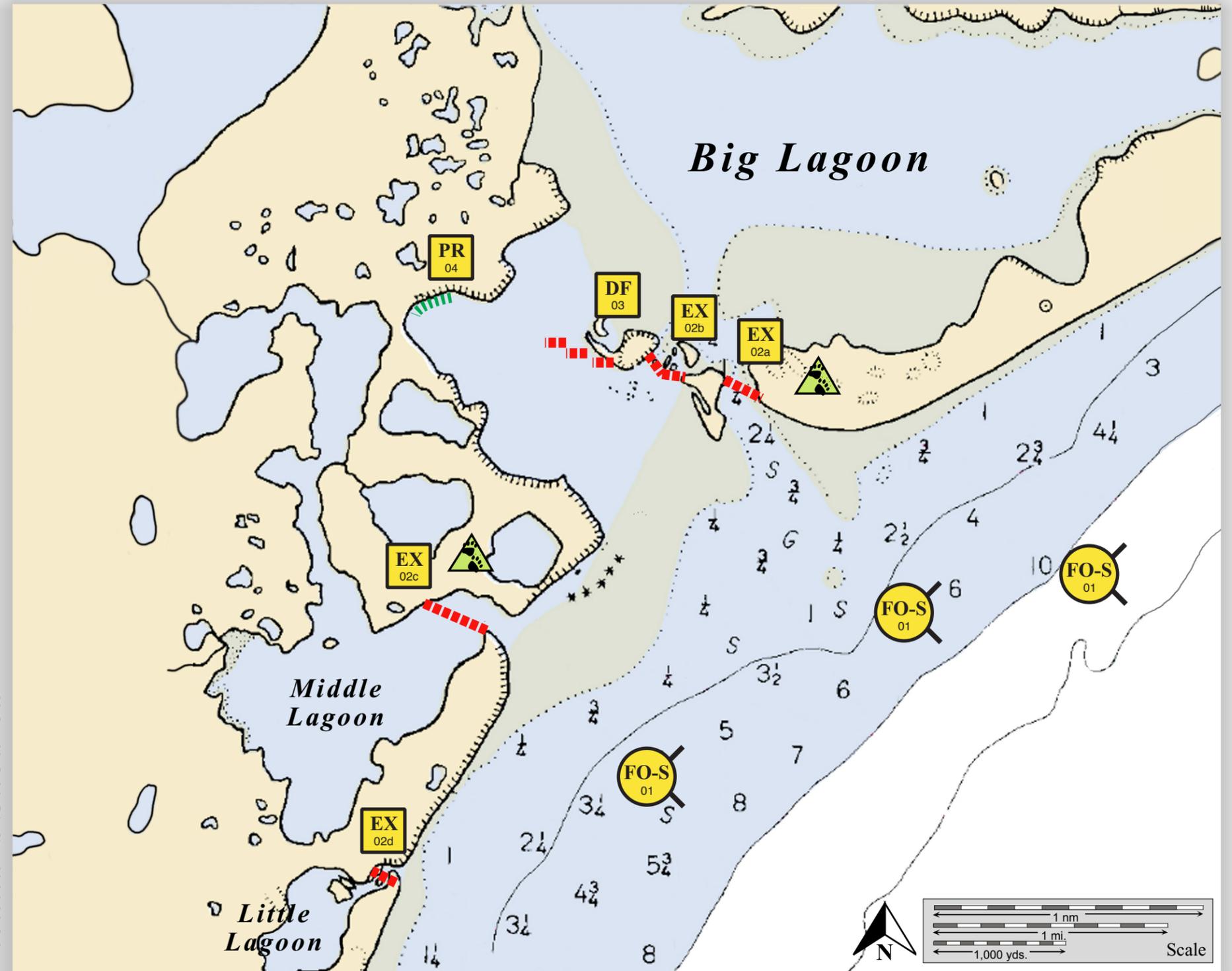
-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Passive Recovery and Collection
-  Deflection Booming
-  Protected-water Boom
-  Snare or Sorbent Boom
-  Bears in Area, Guards Recommended

There are no photos available at this time for this GRS site.

# Big Lagoon-Morzhovoi Bay, AEA-17

Center of map at 55° 04.51' N Lat., 163° 09.80' W Lon.

## Geographic Response Strategies for Aleutians Subarea



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
AEA-17-01 	<b>Morzhovoi Bay</b> Nearshore waters in the general area of: Lat. 55°04.51'N Lon. 163°09.80'W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Morzhovoi Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Morzhovoi Bay.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel platform	Via marine waters  Chart 16535-1	Same as AEA-17-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
AEA-17-02 	<b>Morzhovoi Bay- Lagoons</b> Locations a. Lat. 55°05.79'N Lon. 163°09.89'W b. Lat. 55°05.87'N Lon. 163°10.39'W c. Lat. 55°04.74'N Lon. 163°11.95'W d. Lat. 55°03.65'N Lon. 163°12.56'W	<b>Exclusion</b> Exclude oil from impacting the identified lagoons in Morzhovoi Bay.	Approach the lagoons on a rising tide.  Place protected-waters booms in the identified areas to exclude oil from entering the lagoons.  Tend throughout the tide. <u>Boom Lengths:</u> a. 800 ft. b. 800 ft. c. 1600 ft. d. 400 ft.	<b>Deployment</b> <b>Equipment</b> 3600 ft. protected-water boom 18 ea. small anchor systems 16 ea. anchor stakes <b>Vessels</b> 2 ea. class 6 1 ea. class 3 <b>Personnel/Shift</b> 7 ea. vessel crew/spill tech <b>Tending</b> <b>Vessels</b> 1 ea. class 6 1 ea. class 3 <b>Personnel/Shift</b> 4 ea. vessel crew/spill tech	Vessel platform	Via marine waters  Chart 16535-1	Fish- intertidal spawning-salmon (May-Sept.), herring spawning (April-May)  Birds-waterfowl, threatened species are present  Marine mammals-seals, otters  Human use- commercial fishing  Habitat- eel grass, gravel beach, marsh	Title 41 permitting required from ADNRR.  A large population of bears forage on the tidal flats in the spring and are present during salmon runs. A bear guard is required.  FOSC Historic Properties Specialist should INSPECT this site prior to deployment.  THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE/PRESENT. Discuss with DOI prior to on-site operations.
AEA-17-03 	<b>Big Lagoon Entrance</b> Lat. 55°05.98'N Lon. 163°11.02'W	<b>Deflection</b> Deflect oil toward the shore to immobilize the oil and facilitate passive recovery.	Deploy boom and anchor system with skiffs.  Establish anchors and position cascaded array to deflect oil.  Tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 900 ft. protected-water boom 9 ea. small anchor systems <b>Vessels/Personnel/Shift</b> Same as AEA-17-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as AEA-17-02	Vessel platform	Via marine waters  Chart 16535-1	Same as AEA-17-02	Vessel master should have local knowledge.  Tested: not yet
AEA-17-04 	<b>Morzhovoi Bay</b> Lat. 55°06.17'N Lon. 163°12.13'W	<b>Passive Recovery</b> Place passive recovery tactics to recover oil that may collect on the shoreline at locations determined during aerial survey.	Place and anchor snare or sorbent boom at the high tide line at the natural collection areas in Morzhovoi Bay.	<b>Deployment</b> <b>Equipment</b> 2000 ft. snare or sorbent boom 20 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as AEA-17-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as AEA-17-02	Vessel platform	Via marine waters  Chart 16535-1	Same as AEA-17-02	Use aerial surveys to determine collection areas on shore.